

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5790489".pn.	USPAT	OR	ON	2005/12/09 11:17
S2	0	"20020024905" .pn. and (pre near record\$3)	USPAT	OR	ON	2005/12/09 11:17
S3	0	"20020024905" .pn. and (pre-record\$3)	USPAT	OR	ON	2005/12/09 16:30
S4	1	"20020024905" .pn. and (pre-record\$3)	US-PGPUB; USPAT	OR	ON	2005/12/09 11:20
S5	84	kahlman and integrate\$3	US-PGPUB; USPAT	OR	ON	2005/12/09 11:21
S6	8	S5 and maria	US-PGPUB; USPAT	OR	ON	2005/12/09 11:46
S7	0	"5790489".pn. and (ic or integrated)	US-PGPUB; USPAT	OR	ON	2005/12/09 11:49
S8	1	"5652838".pn. and (ic or integrated)	US-PGPUB; USPAT	OR	ON	2005/12/09 11:56
S9	0	EP-996123-\$.DID.	US-PGPUB; USPAT	OR	ON	2005/12/09 11:57
S10	1	EP-996123-\$.DID.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 13:09
S11	1	EP-809245-\$.DID.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 13:11
S12	1	EP-849734-\$.DID.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 13:12
S13	0	EP-5790489-\$.DID.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 13:12
S14	1	"5790489".pn.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 14:58
S15	10489	"5790489"".pn.and" crypt\$3	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 14:59
S16	0	"5790489".pn. and crypt\$3	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 14:59
S17	0	"5790489".pn. and cryptography\$3	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 14:59
S18	1	"5790489".pn. and cryptographic\$3	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 15:00

## EAST Search History

S19	1	"5790489".pn. and cryptograph\$3	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 15:02
S20	0	"5790489".pn. and crypto\$3	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 15:00
S21	0	"5790489".pn. and cryp	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 15:00
S22	1	"5790489".pn. and (informational near signal)	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 15:04
S23	1	"5790489".pn. and (decrypt\$3)	US-PGPUB; USPAT; EPO	OR	ON	2005/12/09 15:04
S24	1	"20020024905" .pn. and range	US-PGPUB; USPAT	OR	ON	2005/12/09 16:31
S25	1	"20020024905" .pn. and frequenc\$3	US-PGPUB; USPAT	OR	ON	2005/12/09 16:43
S26	2994	386/125-126.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/09 16:43
S27	5	S26 and (optical near frequency)	US-PGPUB; USPAT	OR	ON	2005/12/09 16:45
S28	26833	(first near frequency) and (second near frequency)	US-PGPUB; USPAT	OR	ON	2005/12/09 16:46
S29	5115	S28 and (rf and radio)	US-PGPUB; USPAT	OR	ON	2005/12/09 16:47
S30	1900	S29 and (ic or (integrated near circuit))	US-PGPUB; USPAT	OR	ON	2005/12/09 16:48
S31	665	S30 and (cd or disc or disk or optical or dvd or vcd)	US-PGPUB; USPAT	OR	ON	2005/12/09 16:49
S32	17092	(decription or scrambling or encription or descrambling or (copy near protection))	US-PGPUB; USPAT	OR	ON	2005/12/09 16:50
S33	91	S31 and S32	US-PGPUB; USPAT	OR	ON	2005/12/09 16:52
S34	81	S33 and (ic)	US-PGPUB; USPAT	OR	ON	2005/12/09 16:53
S35	81	S34 and radio	US-PGPUB; USPAT	OR	ON	2005/12/09 16:54
S36	0	S34 and (radio same (first near frequency))	US-PGPUB; USPAT	OR	ON	2005/12/09 16:55
S37	8	S34 and (radio same (second near frequency))	US-PGPUB; USPAT	OR	ON	2005/12/09 16:55

## EAST Search History

S38	25	("4868373"   "5065388"   "5124966"   "5253234"   "5258974"   "5282187"   "5289439"   "5291462"   "5338923"   "5341229"   "5383078"   "5465381"   "5652838").PN. OR ("5790489").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 16:56
S39	9	S38 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:10
S40	104	386/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:10
S41	14	S40 and (ic or (integrated near circuit))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:38
S42	0	"5790489".pn. and radio	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:12
S43	1	"5790489".pn. and receive\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:38
S44	2029	386/94-95.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:38
S45	334	S44 and (ic or (integrated near circuit))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:38
S46	289	S45 and (disc or disk or cd or dvd or vcd)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:38
S47	78	S46 and (copy near protect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:41
S48	16	S47 and decrypt\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:41
S49	14	("4879704"   "5428598"   "5570339"   "5572507"   "5696757"   "5737286"   "5809006"   "5818812"   "5886979"   "5930209"   "6108296"   "6122245").PN. OR ("6580682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/09 17:43
S50	1577	369/275.3.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/12 11:21
S51	84	S50 and (copy near protect\$3)	US-PGPUB; USPAT	OR	ON	2005/12/12 11:57

## EAST Search History

S52	9	S51 and (ic or (integrated with circuit))	US-PGPUB; USPAT	OR	ON	2005/12/12 11:36
S53	261	369/14.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/12 11:37
S54	35	S53 and (ic or (integrated with circuit))	US-PGPUB; USPAT	OR	ON	2005/12/12 11:37
S55	11	("4338644"   "4814924"   "4839875"   "4868373"   "5119353"   "5235586"   "5663553"   "5940363"   "6295564").PN. OR ("6535465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 11:56
S56	1	"6535465".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 11:57
S57	7	("4228326"   "6157330"   "6469969"   "6477124"   "6487155"   "6636689"   "6646967").PN. OR ("6768709").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 11:58
S58	18	("5392265"   "5426624"   "5432768"   "5477525"   "5493558"   "5519681"   "5535125"   "5537636"   "5546365"   "5553048"   "5553055"   "5561644"   "5650991").PN. OR ("5838666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 12:06
S59	5	S53 and (copy with protect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 12:07
S60	7	("5400319"   "5812519"   "5828648"   "6208736").PN. OR ("6414913").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 12:07
S61	1405	(first near2 channel) same (second near2 channel) same (first near2 frequency)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:18
S62	576	S61 and ((radio or optical) near frequency)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:18
S63	49	S61 and ((radio and optical) near frequency)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:44
S64	1	"5862117".pn. and frequency	US-PGPUB; USPAT	OR	ON	2006/03/29 16:29
S65	0	"5652838".pn. and frequency	US-PGPUB; USPAT	OR	ON	2006/03/29 16:30
S66	0	"5652838".pn. and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 16:30

## EAST Search History

S67	1129	((radio near frequency) same (optical near frequency))	US-PGPUB; USPAT	OR	ON	2006/03/29 16:46
S68	1129	((radio near frequency) same (optical near frequency))	US-PGPUB; USPAT	OR	ON	2006/03/29 16:46
S69	566	S68 and channel	US-PGPUB; USPAT	OR	ON	2006/03/29 16:47
S70	560	S69 not S63	US-PGPUB; USPAT	OR	ON	2006/03/29 16:47
S71	200	S70 and (ic or (integrated near circuit))	US-PGPUB; USPAT	OR	ON	2006/03/29 16:48
S72	200	S71 not (dapper).in.	US-PGPUB; USPAT	OR	ON	2006/03/29 16:48
S73	200	S71 not dapper.in.	US-PGPUB; USPAT	OR	ON	2006/03/29 16:51
S74	189	S71 not irwin.in.	US-PGPUB; USPAT	OR	ON	2006/03/29 17:10
S75	481	(optical near frequency near range)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:11
S76	8	(optical near frequency near range) with hz	US-PGPUB; USPAT	OR	ON	2006/03/29 17:35
S77	360	S70 not S71	US-PGPUB; USPAT	OR	ON	2006/03/29 17:35
S78	359	S77 not (irwin or dapper).in.	US-PGPUB; USPAT	OR	ON	2006/03/29 17:37
S79	359	S78 not S63	US-PGPUB; USPAT	OR	ON	2006/03/29 18:01
S80	2	(radio near bandwidth) same (optical near bandwidth)	US-PGPUB; USPAT	OR	ON	2006/03/29 18:02
S81	12	(radio near bandwidth) and (optical near bandwidth)	US-PGPUB; USPAT	OR	ON	2006/03/29 18:02
S82	10	S81 not S80	US-PGPUB; USPAT	OR	ON	2006/03/29 18:05
S83	1	"20020024905".pn. and range	US-PGPUB; USPAT	OR	ON	2006/03/29 19:29
S84	1	"6865013".pn. and channel	US-PGPUB; USPAT	OR	ON	2006/03/29 19:58
S85	0	"5790489".pn. and frequency	US-PGPUB; USPAT	OR	ON	2006/03/29 19:58
S86	0	"5790489".pn. and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 19:59

## EAST Search History

S87	2	"5790489".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:02
S88	2	EP-809245-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:00
S89	0	"5790489".pn. AND CHANNEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:24
S90	1	"20020024905".pn. and range	US-PGPUB; USPAT	OR	ON	2006/03/29 20:24
S91	1	S90 AND CHANNEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:25
S92	3141	BIDIRECTIONAL NEAR5 CHANNEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:26
S93	1538	S92 AND (FREQUENCY)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:26
S94	404	S93 AND (RADIO NEAR FREQUENCY)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:26
S95	14	("4879704"   "5428598"   "5570339"   "5572507"   "5696757"   "5737286"   "5809006"   "5818812"   "5886979"   "5930209"   "6108296"   "6122245").PN. OR ("6580682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 20:27

## EAST Search History

S96	1129	((radio near frequency) same (optical near frequency))	US-PGPUB; USPAT	OR	ON	2006/03/29 20:27
S97	566	S96 and channel	US-PGPUB; USPAT	OR	ON	2006/03/29 20:27
S98	400	S94 NOT (S97 OR S95)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:27
S99	18	S98 AND (OPTICAL NEAR FREQUENCY)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:53
S10 0	2	"6430391".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:53
S10 1	1405	(first near2 channel) same (second near2 channel) same (first near2 frequency)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:53
S10 2	49	S101 and ((radio and optical) near frequency)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:53
S10 3	1	"6430391".PN. AND S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 20:54
S10 4	1406	(first near2 channel) same (second near2 channel) same (first near2 frequency)	US-PGPUB; USPAT	OR	ON	2006/03/30 12:29
S10 5	49	S104 and ((radio and optical) near frequency)	US-PGPUB; USPAT	OR	ON	2006/03/30 13:19
S10 6	194	(optical near coupling) and (electromagnetic near coupling)	US-PGPUB; USPAT	OR	ON	2006/03/30 13:19
S10 7	11	S106 and (photodiode same frequency)	US-PGPUB; USPAT	OR	ON	2006/03/30 18:16
S10 8	1	"5790489".pn. and wavelength	US-PGPUB; USPAT	OR	ON	2006/03/30 16:49
S10 9	1	"5790489".pn. and energy	US-PGPUB; USPAT	OR	ON	2006/03/30 16:50
S11 0	1	"5327213".pn. and coupling	US-PGPUB; USPAT	OR	ON	2006/03/30 18:16